<u>Amendment to the Specification:</u>

Rewrite the first paragraph on page 1 to read as follows:

This application claims priority under 35 USC §119(e)(1) of Provisional Application No. 60/183,527, filed February 18, 2000 (TI-30302PS) and of Provisional Application No. 60/173,761, filed December 30, 1999 (TI-26011P); and is related to copending application S.N. 09/703,096 filed October 31, 2000, which claims priority of Provisional Application No. 60/183,527; and is related to copending application S.N. 09/687,540 filed October 13, 2000, which claims priority of Provisional Application No. 60/173,761.

Rewrite the second full paragraph on page 14 to read as follows:

All eight of the functional units have access to the opposite side's register file via a cross path. The .M1, .M2, .S1, .S2, .D1, and .D2 units' $src2$ inputs are selectable between the cross path and the same side register file. In the case of the .L1 and .L2 units 18a, 18b, both $src1$ and $src2$ inputs are also selectable between the cross path and the same-side register file, for example by operation of multiplexers 211, 212 as shown in Figure 2 in connection with .L1 unit 18a. In addition, as shown in Table 2, transfers to control register file 102 over bus 220 and from control register file 102 over bus 221, may also be made via .S2 unit 16b only.

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